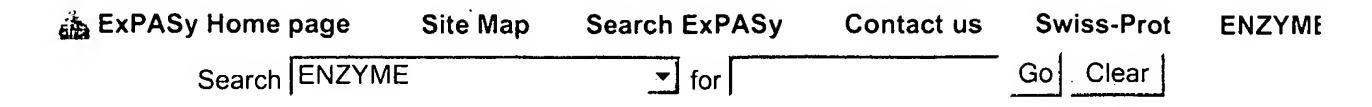
WEST Search History

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DATE: Monday, December 11, 2006

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	DB=PG	SPB, USPT, USOC, EPAB, JPAB, DWPI; PLUR=YES; OP=ADJ	
	L5	humicola same L4	6
	L4	(mutant or variant) same L3	· 70
	L3	(gene or sequence or polynucleotide or clone or recombinant) same L1	401
Γ	L2	(gene or sequence or polynucleotide or clone) same L1	366
	L1	(cellobiohydrolase or cel7A or CBH1.1)	840

END OF SEARCH HISTORY



NiceZyme View of ENZYME: EC 3.2.1.91

Official Name

Cellulose 1,4-beta-cellobiosidase.

Alternative Name(s)

1,4-beta-cellobiohydrolase.

Exocellobiohydrolase.

Exoglucanase.

Reaction catalysed

Hydrolysis of 1,4-beta-D-glucosidic linkages in cellulose and cellotetraose, releasing cellobiose from the non-reducing ends of the chains

Cross-references

Biochemical

Pathways; map

A4

number(s)

PROSITE

PDOC00510; PDOC00563; PDOC00565

BRENDA

3.2.1.91

PUMA2

3.2.1.91

PRIAM enzyme-

specific profiles

3.2.1.91

KEGG Ligand

Database for

Enzyme

3.2.1.91

Nomenclature

IUBMB Enzyme

Nomenclature

3.2.1.91

IntEnz

3.2.1.91

MEDLINE

Find literature relating to 3.2.1.91

MetaCyc

3.2.1.91

UniProtKB/Swiss-

Prot

O68438, CELK_CLOTM; P10474, GUNB_CALSA; P15828, GUX1_HUMGT; Q00548, GUX1_CRYPA; Q00328, GUX1_COCCA; P13860, GUX1_PHACH; Q06886, GUX1_PENJA; P38676, GUX1_NEUCR; P62695, GUX1_TRIKO; P62694, GUX1_TRIRE; Q9P8P3, GUX1_TRIHA; P50900, GUX2_CLOSR; P19355, GUX1_TRIVI; Q92400, GUX2_AGABI; Q9C1S9, GUX6_HUMIN; P07987, GUX2_TRIRE; P49075, GUX3_AGABI; P46238, GUXC_FUSOX; P50401, GUXA_CELFI; P50899, GUXB_CELFI;

O59843, GUX1_ASPAC;